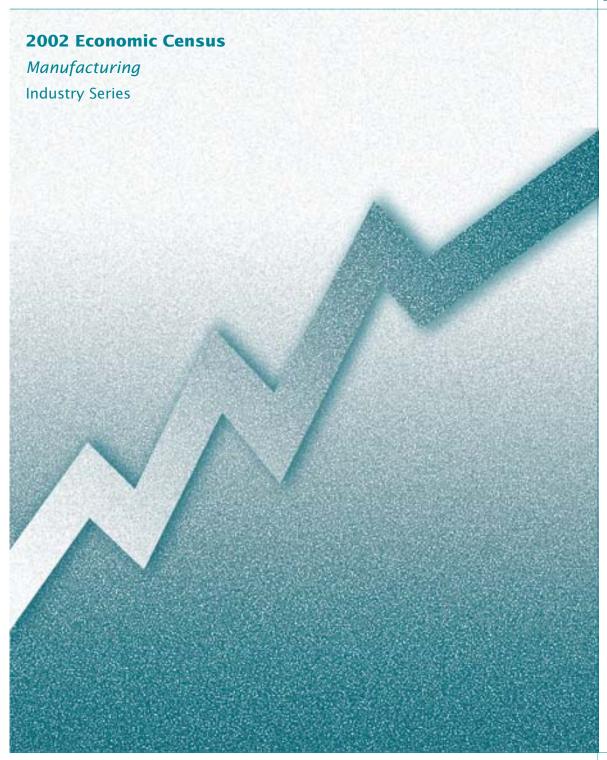
Military Armored Vehicle, Tank, and Tank Component Manufacturing: 2002

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Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All	All em	ployees	Pro	oduction worl	kers		Total		
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)		
336992, Military armored vehicle, tank, and tank component manufacturing 2002 2001 2000 1999 1998	31 N N N	39 N N N	5 098 4 110 4 378 4 602 5 042	282 381 252 055 251 402 264 254 257 996	2 496 1 735 2 070 2 223 2 312	5 268 3 694 4 347 4 613 4 934	113 304 81 347 90 870 95 017 105 279	818 038 810 707 719 004 668 939 730 743	662 509 474 440 387 524 425 416 443 792	1 450 942 1 221 211 1 128 565 1 064 754 1 172 724	15 267 15 072 16 828 17 358 15 735
1997	37	42	5 773	267 525	2 696	5 455	113 732	543 119	475 163	1 063 668	17 2

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establishments ²		All employees		Production workers						
Industry and geographic area		Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)		Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	materials	Total value of shipments (\$1,000)	tures
336992, Military armored vehicle, tank, and tank component manufacturing												
United States	- -	39 11	24 5	5 098 522	282 381 24 946	2 496 390	5 268 922	113 304 15 329	818 038 49 134	662 509 46 798	1 450 942 97 041	15 267 3 429

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
336992, Military armored vehicle, tank, and tank component manufacturing	
Companies ¹	31
All establishments ²	39 15 12 12
All employees³ number. Total compensation \$1,000 Annual payroll \$1,000 Total fringe benefits \$1,000	5 098 353 372 282 381 70 991
Production workers, average for year	2 496 2 482 2 482 2 500 2 513
Production worker hours	5 268 113 304
Total cost of materials \$1,000 Materials, parts, containers, packaging, etc., used \$1,000 Resales \$1,000 Purchased fuels \$1,000 Purchased electricity \$1,000 Contract work \$1,000	662 509 641 089 3 026 2 185 9 186 7 023
Quantity of electricity purchased for heat and power 1,000 kWh. Quantity of electricity generated less sold for heat and power 1,000 kWh.	155 333 S
Total value of shipments \$1,000 Primary products value of shipments \$1,000 Secondary products value of shipments \$1,000 Total miscellaneous receipts \$1,000 Value of resales \$1,000 Contract receipts \$1,000 Other miscellaneous receipts \$1,000	1 450 942 1 386 196 56 520 8 226 3 556 D
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industry \$1,000.	96 1 745 492 1 386 196 359 296
Coverage ratiopercent	79
Value added	818 038
Total inventories, beginning of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	443 591 3 230 251 564 188 797
Total inventories, end of year \$1,000 Finished goods inventories \$1,000 Work-in-process inventories \$1,000 Materials and supplies inventories \$1,000	495 826 4 102 280 297 211 427
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	330 149 15 267 4 230 11 037 279 2 448 8 310 16 561 328 855
Depreciation charges during year\$1,000.	12 165
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	14 804 10 589 4 215
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	66 999 80 4 798 D D 1 778 D D D D D D D 42 279

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class			All emp	oloyees	Pr	oduction worke	ers		Total	Total	Total capital
		All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
336992, Military armored vehicle, tank, and tank component manufacturing											
All establishments	-	39	5 098	282 381	2 496	5 268	113 304	818 038	662 509	1 450 942	15 267
1 to 4 employees	7 4 2 2 - - - -	4 3 8 9 3 7 1 3 1	6 b 133 266 215 1 111 e g g	230 D 6 130 13 145 5 836 52 006 D D	4 D 75 178 160 758 D D	4 D 178 394 344 1 564 D D	104 D 2 610 7 229 3 776 30 597 D D D	607 D 11 294 51 394 13 561 154 300 D D	281 D 12 107 23 681 16 071 237 263 D D	888 D 25 806 71 895 30 630 388 939 D D	41 D 382 1 583 1 172 4 923 D D D
Administrative records ⁴	-	_	-	_	_	-	_	-	-	-	_

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–11 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

size classes shown.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All	All em	ployees	Pi	oduction work	ers		Total	Total	Total capital
		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
336992	Military armored vehicle, tank, and tank component manufacturing	39	5 098	282 381	2 496	5 268	113 304	818 038	662 509	1 450 942	15 267
3369920	Military armored vehicles, tanks, and tank components	39	5 098	282 381	2 496	5 268	113 304	818 038	662 509	1 450 942	15 267

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of		Product shipments		
Product code	Product	companies with shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)	
336992	Military armored vehicle, tank, and tank component manufacturing	N N	X	X	1 745 492 1 188 878	
3369920	Military armored vehicles, tanks, and tank components	N N	X	X	1 745 492 1 188 878	
33699201	Tanks and parts	N N	X	X X	821 406 900 962	
3369920111	Tanks and parts	44 40	ŝ	ŝ	821 406 900 962	
33699202	Self-propelled weapons and parts and other full tracked		^	^	555 552	
	parts	N N	X	X	901 508 263 494	
3369920214	Self-propelled weapons and parts	5 6	X	X	D D	
3369920218	Other full-tracked combat vehicles and armored utility vehicles, including parts	19	X	X	D	
3369920Y	Military armored vehicles, tanks, and tank components, nsk,	Ň	X	X	N	
33099201	total	N N	X	X	22 578 24 422	
3369920YWW	Military armored vehicles, tanks, and tank components, nsk, for nonadministrative-record establishments	N.	X	X	22 578	
3369920YWY	Military armored vehicles, tanks, and tank components,	N	Х	Х	23 264	
	nsk, for administrative-record establishments	N N	X X	X X	1 158	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997 [Not applicable for this report.]

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336992	Military armored vehicle, tank, and tank component manufacturing		
00900001	Total materials	X X	641 089
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	437 355 44 504
33200095	Other fabricated metal products (excluding castings and forgings)	X X X	15 426 115 705 165 166
33151001	Iron and steel castings (rough and semifinished)	X	8 871 3 756
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	X	1 819
33211101	1997 Iron and steel forgings	X X	D D D
33211203	Aluminum and aluminum-base alloy forgings2002.	X X	D
33211207	1997 Other nonferrous forgings	X	D D
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products)	X X	43 226 D
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	×	D D
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and		D
0040000	fabricated metal products)	X	N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)	X	D N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X	D
32610011	1997 Fabricated plastics products (excluding gaskets)	X X	N D
00190055	Electronic, hydraulic, and mechanical subassemblies	X	N D
	1997	Х	N
32100019	Rough and dressed lumber	X	D N
32500065	Other chemicals and allied products	X X X X	D N
33351501	Machine tool accessories, including cutting tools	X	126 N
32221001	Paperboard containers, boxes, and corrugated paperboard	×	89 N
00970099	All other materials and components, parts, containers, and supplies	X	194 819
00971000	Materials, ingredients, containers, and supplies, nsk	X X X	176 014 43 161 34 795

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.